



Semiannual Meeting & Picnic Join us on June 6, 2009 from 11:00 am till 3:00 pm at Pioneer Park for the annual OMS BBQ & Picnic and semiannual meeting. The CLUB will be providing the meat and bread. YOU will bring your favorite potluck dish to share, your plates, cutlery, drinks, tablecloth, (and perhaps something to cover the bench-the birds, you know,) the spouse, the kids, the dog (on leash,) and rocks for the silent auction as well as your mad money for the auction. We will also be doing any club business that is in need of attention. This is an excellent facility with lots of shade and a nearby “comfort station.” Bring your appetite and your camera for a great, relaxing afternoon with friends!

May Program Review

By Debbie Hood

John McCabe gave us a very fascinating account of the geological development of the central coast, and in particular, the formation of the “Morros.”

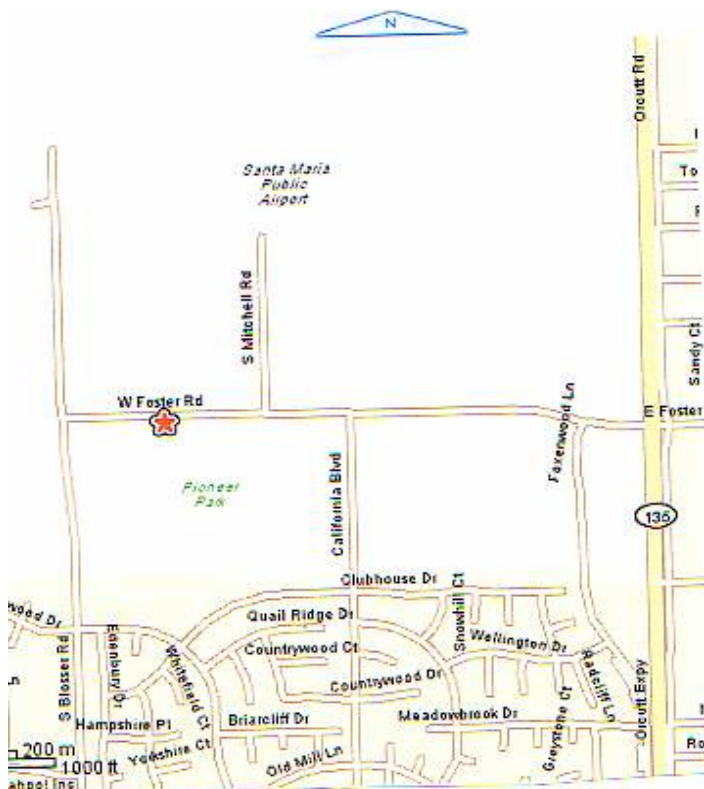
This area is geologically phenomenal, and Morro Rock was first identified by Juan Cabrillo in 1542 and gave it the name “morro” after the Spanish word for the shape of the helmets worn then, which resembled the shape of the rock.

There are nine named morros, not just the “Seven Sisters” that are commonly recognized: Morro Rock, Black Hill, Cabrillo Peak, Hollister Peak, Cerro Romualdo, Chumash Peak, Bishop’s Peak, Cerro San Luis and Islay Hill, as well as several other smaller or more isolated peaks that are not named. They act as a spine that separates the two watersheds between the Los Osos and Chorro Valleys, and extend in a line 7.4 miles long. The morros formed 23-27 million years before present, and they were volcanoes that contained Dacite, an extrusive igneous rock showing two-stage cooling typical of volcanic rock. The Cambria Felsite is powered dacite- volcanic ash called “tuff,” which is the same age as the morros, and is a product of eruption. The Morros are remnants of the throats of volcanoes that have weathered and probably formed underwater.

How the Morros formed: the boundaries of continental plates are areas of high tectonic and volcanic activity. We are on the boundary between the North American Plate and the Pacific Plate. There are three types of plate interactions:

Divergent-where 2 plates are moving apart. This is where the oceans are and new material forms from volcanoes there where the crust is thinned.

Convergent-where two plates are moving together and one is being subducted under the other. This creates mountains that are the subducted remelts and



can feed the formation of nearby volcanoes or rise through weakened areas into the rock above it. Not all material of a plate may be subducted, some areas may form “pleats” of material that forms wedges of mountains called a *mélange* which is a mix of sand and stone forming accreted terrain such as our Coastal Ranges. The Franciscan Formation is a *mélange*, an igneous –sedimentary mix of stones and sand.

Transform-where there is a shearing motion as two plates slide past each other, such as the San Andreas Fault.

Plate interactions occur where molten magma rises and pushes the plates aside. Here on the central coast millions of years ago we had a plate called the Faralon Plate where there were all three types of plate interaction occurring. There was magma movement pushing the Pacific Plate toward the Faralon Plate creating the volcanoes that created our Morros, and subducting it under the North American Plate. These forces split the Faralon Plate into several separate plates; the Juan de Fuco Plate, the Cocos Plate and the Rivera Plate. The Pacific Plate is moving in a northwesterly direction, the North American Plate moves southwesterly while the three smaller plates are being pushed aside to the north and south and being subducted.

The Morros formed as the San Andreas Fault formed where the three plates came together. As the Faralon Plate descended and was subducted under the North American Plate it left a gap, which created an area of lower pressure that allowed magma to rise and form volcanoes. The volcanoes formed in a line, which may indicate a possible fault as a conduit for the magma to reach the surface.

The Morros are the magmic necks of volcanoes as they pushed through the *mélange* of accreted terrain, and the magmas picked up silica as they rose through the Franciscan Formation. Serpentine-based formations of the magmic necks yield an abiotic zone and unstable hillsides. Few plants grow on the morros as the magnesium content limits the growth of living things in serpentine soils.

Morro Rock is a good deal smaller than it was 75 years ago due to blasting and removal of stone for construction. Rock quarried from Morro Rock in Morro Bay was used to build the San Luis Bay Breakwater. The causeway that shut the north inlet to Morro Bay was built in 1936. The breakwater was constructed between 1942 and 1944. The currents that used to keep the bay swept clear of sand no longer do

Orecutts- Newsletter of the Orcutt Mineral Society

so, which is why the bay once again is filling with sand and needs to be dredged again. On the other hand the shelter provided by the causeway and breakwater protect the harbor from storm damage.

AND THE FUN CONTINUES

By Wes Lingerfelt

I often wonder if you folks out there know how much fun you are missing. Every time I go to one of the local schools and give my program titled “The benefits of Rocks and Minerals” I see knowledge being absorbed like a sponge in the open minds and hearts of the youngsters. I see such enthusiasm that it infects me throughout my soul. I like to challenge the small one’s minds with questions about how such & such mineral gets into our milk, tooth paste, etc. and then into our bodies. I challenge their minds to think about what it would be like if we didn’t have this or that product to use every day of our lives. You can see the little wheels turning in their heads.

On May 12th 2009 I had the pleasure of holding three sessions of over 30 kids each at the Harloe Elementary School in Arroyo Grande, CA. I always wear my Society vest, which really intrigues the youngsters. I get numerous questions about all the pins and other



adornments on it. I’m sure it really makes them want to listen to this man in bright red with all the pretties hanging on it. The first session was held

in room 28 and the teacher found my display very interesting and entertaining as much as the kids. I

always start off with a couple of books and show them pictures of rocks and minerals inside. I inform them that the local



library is a wonderful source of Mother Nature’s treasures. Then I pick up a piece of pink Halite and ask

them, “How many of you like salt on your French Fries?” They all raise their hands high in the air. “Well, this is what you are eating!” At that point you hear the “Ooh’s” and “Ahh’s” from the youngsters. I go on to explain that what you get from the grocery store had to come from somewhere. I tell them the story of how calcium gets into their milk bought at the grocery store. How the battery in the parent’s car would not be present without the mineral Galena. I cover how Lead pencils are made with graphite, not Lead. The presentation takes about 40 minutes dependent on how many questions I field during sessions. I cover over a dozen minerals in all and I truly believe the teachers learn a little bit as well. I try not to duplicate the technical information that the teacher is giving the students as part of his/her lesson plan. I believe the practical uses of rocks and minerals give them that little bit of extra context and rounds out the “Book Lernin”.

At the end of each session each child gets a small bag of tumbled stones for their rock collection. It is given to them with two caveats. 1. They are to keep the rocks inside the bag until they get home. 2. They must by all means keep them away from their little brothers and sisters. So far no problems have been encountered once I learned to make those stipulations mandatory. If they open the bags in the classroom it isn’t long until they are all over the floor.

I sometimes feel a little guilty over having all this fun by myself. I would love to have an assistant to train and allow someone else to begin to feel the joy. If there is a soul out there needs a little brightening you can’t do better than this. I know for mine is really aglow! Just look into my eyes when you see me!

Wayne and Todd’s Excellent Adventure

By Wayne Mills, photos by Wayne & Todd Mills

Before I retired, I planned two trips. The first of these was a circumnavigation of the Grand Canyon. The last time I saw it was 1955, and my son Todd never had. So we left Arroyo Grande on the morning of May 15, the day that Highway 67 leading from Jacob Lake, Arizona to the North rim of the Grand Canyon opened. (The highway is closed from October 15-May 15.)

Our first stop was St. George, Utah. We made it in about 9 hours, assisted by Betsy, my new road pal, a GPS (Magellan 1420). She is a pretty amazing piece of hardware, slightly annoying at times, but amazingly accurate in her prediction of destination times, and

routes. The Geologic highlight of our first day’s travel was through the rugged Virgin River Gorge in Arizona, between Mesquite Nevada and south of St. George, Utah.

Virgin River Gorge, Arizona

Saturday morning after a hearty buffet breakfast at the Quality Inn, Todd and I headed for Zion National Park. There, we stopped at the museum and caught the tram that does a 1.25 hour loop up the



main canyon along the west fork of the Virgin River. The free trams pass about every 5 minutes, but we just wanted to see what we could and get on with our journey. I had been to Zion twice before, but never did the canyon loop. It had some spectacular views of the (mostly) sandstone features. Interestingly, the base formation in Zion National Park is the Permian to Triassic aged Kaibab Limestone that is the uppermost formation in the Grand Canyon. Above the Kaibab Limestone lies the Lower Triassic Moenkopi Formation (marine sandstone and limestone), in an unconformable (not continuous) relationship, and above that in another unconformable relationship, is the Upper Triassic Shinarump Conglomerate. The Shinarump contains silicified wood, and is considered a terrestrial deposition, as is most of the Lower Jurassic aged Chinle Formation which (conformably) overlies the Shinarump. The base of the Chinle Formation is the petrified wood bearing formation exposed in the Petrified Forest some 240 miles southeast of Zion. The upper part of the Chinle Formation however contains limestone layers, suggesting a transition back to marine conditions in this area. The creamy yellow to red-brown and buff-colored, highly cross-bedded Navajo Sandstone of Middle Jurassic Age, unconformably overlies the Chinle Formation, and indicates a return to terrestrial conditions, and this formation is topped by the Carmel Limestone marine and the Upper Jurassic, gypsiferous Entrada Sandstone, another terrestrial formation. Both of these formations unconformably overlie each other. All these formations are relatively flat lying, suggesting little tectonic interference, yet each of the unconformities that separate the formations indicates a

Ore-Cutts

period of erosion. The sediments exposed in Zion National Park represent a period of about 145 million years, from 270 to 135 million years before present.

Todd at Checkerboard Mesa, Zion

After stopping at Mt. Carmel Junction to look for *Pentacrinus* sp. fossils in the Carmel Formation, (yes, I found some), we headed for the north rim of the Grand Canyon. It was 53 miles from Mt. Carmel to Jacob Lake, and another 42 to the



North Rim. Most of the drive across the Kaibab Plateau was flat, scrubby plateau, but south of Jacob Lake was lovely forest and the occasional meadow with pockets of snow still hiding in the recesses feeding ponds that had formed in the meadows. We arrived at the north rim about 1:30 p.m., and had to hit the restrooms and gift store before checking out the views. And they were worth the wait. The main viewing point at the north rim looks southwest down Bright Angel Canyon toward Mather Point at the Canyon View Information Plaza at the south rim.

The Grand Canyon records a much longer history than does Zion. The base formation in the Grand Canyon is the Vishnu Schist, a metamorphic formation that dates to about 1.84 to 1.67 billion years before present. As previously stated, the youngest formation in the Grand Canyon is the Kaibab Limestone dating to 270 million years before present, so the entire, relatively undisturbed sequence of rocks in the canyon records a period of some 1.57 billion years, roughly a third of the history of the earth.

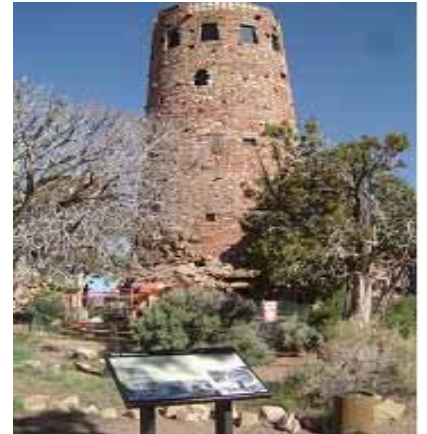


Todd at the North Rim, Grand Canyon, Arizona

After exploring the north rim for a while, we headed for Tuba City, about halfway to the south rim. On the way, we stopped at one of many stands we saw offering Native American jewelry, and Todd found a nice

necklace (silver plated beads) for his girlfriend. The stand had a great view of the Vermillion Cliffs that we drove past to get to Tuba City. I stopped a couple of times thinking that they might be in the Chinle Formation (petrified wood!), but found only sand and gravel.

We had a nice dinner and small breakfast at the Hogan Restaurant, and headed south. At Cameron, 26 miles southwest of Tuba City, we turned west on 89 Alternate for the south rim. It is a 57-mile trip to Grand Canyon Village, but only 32 miles to the park entrance and a few more to Desert View, which contains the Watchtower, constructed in the 1930's. What a wonderful view from the top!



The Watchtower

Nineteen miles south of Cameron, where Alternate 89 departs from Arizona 89, we left the highway to do the loop through Wupatki National Monument and Sunset Crater National Monument. It is about a 36-mile loop, and (I thought) well worth the time. Wupatki NM has stops at several pueblos constructed around 1100 AD,

South Rim, lower and dryer

after the eruption of nearby Sunset Crater. The pueblos are constructed of stacked sandstone cemented with locally derived materials.



The Citadel and "guest rooms" at Wupatki NM

Sunset Crater is the site of the most recent eruption in Arizona. Cinders near the roadway are from an eruption in 1064-1065 AD.



Sunset Crater NM



Back on Route 89, we now headed to Holbrook for our third night. Before getting there, we made one more detour of about 7 miles each way to visit Meteor Crater. That is one big hole, about 4500 feet across and 150 feet deep.

It was made when a 150-foot diameter, iron-nickel meteor hit the earth about 22,000 years ago.

Meteor Crater



Next month-The Petrified Forest-Sedona.

Crown of Thorns

Wayne Mills, OMS

The tables that Wes Lingerfelt thoughtfully put together for OMS several years ago have again brought income to the coffers of OMS. The Central Coast Cactus and Succulent Society borrowed 48 of our tables for their annual show over the Memorial Day weekend. Wes and Marty Lingerfelt and Wayne Mills loaded and unloaded the tables on Friday before the show, and then Wes and Wayne loaded the tables Sunday and unloaded them back at the locker on the Monday after the show. OMS got \$150 for the effort. Thanks again to the Lingerfelts (Jeannie accompanied Wes on Sunday for dinner in SLO.)

Prez Box

By Debbie Hood

Please be sure to come to the semiannual meeting & picnic, it is just too much fun to miss! The silent auction is always an exciting event with some real bidding battles, and lots of very nice material to bid on!

We have posters and flyers ready for you to pick up and take everywhere you go; the doctor's office, the beauty/barber shop, the grocery store, and so on. Give them to all your friends, relatives and neighbors. Put them on every bulletin board you see. Please, always politely ask permission to place our flyers first. We

need to be assertive about getting the word out this year due to the current economic conditions. The show is a great free, family activity and the more folks we draw to it the more successful the show will be!

Sunshine



Sandy Berthelot has had her surgery and come through it well. She will be having radiation therapy next. *Hang in there, Sandy!*

May Breakfast

The May breakfast was held at CJ's Restaurant in Arroyo Grande and I did not get a list of attendees or winners of the door prizes, but everybody got their fill of food, coffee and camaraderie.

The June breakfast will be at Sunset Grill 1424 Fairway Drive Santa Maria. It is located on at the Sunset Ridge Golf Center. To find it, drive west on Betteravia to Blosser/Skyway. Turn left (south) to second light - Fairway. Turn right (West) the golf course is ahead on the left. This place comes highly recommended for it's good food and reasonable prices! See you there!

The San Luis Obispo Gem & Mineral Club proudly presents Spring 2009 Cayucos Gem & Mineral Show

Saturday & Sunday

June 13 & 14

9 A.M. to 5 P.M.

Located in the Vets Hall next to the Cayucos Pier
Free Parking, Admission and Door Prizes
This show features Gems, Minerals, Fossils, Jewelry, Beads, and Lapidary-related items.

For any questions contact:

Noah Doughty - 805.710.5053/nwdoughty@gmail.com

Kim P. Noyes - 805.610.0603/kimnoyes@gmail.com

Check out our website at www.slogem.org

Birthdays & Anniversaries

Birthday greetings go out to Maida Williams, Kathy Collison, Don Dana, Shelly Dana, Ralph Bishop, and Geary Scheffer who are having birthdays this month. Happy Birthday & Many more!

Celebrating an anniversary in June are Don & Gloria Dana, Stan & Jan Ferguson, Bill & Debbie Hood, Donna & Roger Lehman, Bert & Louise McIntosh. Congratulations!

I like hunting fossils, a hobby that isn't exactly my wife's favorite. On one excursion, I found the petrified bones of a squirrel-like mammal. When I brought them

home and told my wife what they were, she squelched my excitement.

“I’ve heard of many a squirrel bringing a nut home,” she remarked, “but this is the first time I’ve heard of a nut bringing a squirrel home.”

A Fossicking Experience in Outback Australia.

By Sir Paul Howard.

Fossicking is an Australian and New Zealand word that means to look for, or search for gold or gemstones.

While visiting my Rockhound friend who runs the Rock shop at Katherine, in the state of Northern Territory, I expressed the desire to go fossicking on several cattle stations in the northern part of the Territory while on our way to Western Australia. This was in June, the middle of the dry season in north Australia.

My friend’s rock and gift shop specializes in local rocks and articles made from them. He is a talented artist. He told me he would like to return to a cattle station about 150 Kilometers away, where there is an abundance of agate.

He knew the manager there. “Would I like to come?”

We arranged to go there on Monday morning to fossick for agate at a location he had been to 11 years before. We planned to stay for five days.

When we arrived, the manager came to greet us and allocated a spot for us to camp down by the creek near some large river gum trees. We set up our motorhome and his caravan on a fine but cloudy day and then wasted no time driving to a location he was sure he could find again on this 250,000-hectare property. (Half a million acres). It was 20 to 30 kilometers away, through several gates and across creeks and gullies on black soil tracks.

Once we had found this spot, it was not hard to find agates. They were in the windrows along the graded track, spread over a large area on a burnt paddock and in the stormwater gullies and washaways from the big deluge that occurred in March 2007.

The countryside in this area of Australia is very flat with hills of a mesa shape, which indicates the land level was much higher millions of years ago. Evidence of the severe drought in Australia prevailed.

Nodules and broken pieces of agate up to 100mm were easy to find. Some broken pieces displayed concentric banding right to the centre of the nodule, others had a thin banding on the outside of the nodule with a crystal centre, and some had suspended agate centers. Banding on some was unusually positioned in relation to the outside shape of the nodule. This character makes these agates very unique. Colors were pale to dark pinks, white, cream and maroons with lots of lace pattern.

We gathered everything we could in the first couple of hours, and then it started to rain. From the weather forecast that morning we expected rain that night, but it came early. We hurried out of there as quickly as we could; 5mm of rain on these black soil tracks makes them impassable. That night steady soaking rain fell all night and was to continue for several days. So my trip leader went back to his shop and several other commitments for the rest of the week. He returned just on dark on the Saturday. In the meantime we were stranded on wet paddocks with a four-ton vehicle for a week. The manager of the station told us that this was the first time it had rained in June since 1985 and before that, it was in 1936. We were unfortunate to be there during this unusual wet weather. Our motorhome is fully self-contained with water, electricity and adequate food supplies for ten days. Mustering on the station had just begun. This cattle station runs about 10,000 cattle managed by 20 ringers with 50 horses.

There were 1820 Brahman cattle in two stockyards standing in the rain. Two died from the cold wet conditions, the rest were moving around in about 150mm of mud.

In spite of the rain, I put on my wet weather gear and went fossicking up Agate Creek, the name given to one of the hundreds of creeks and gullies on this huge property. This creek is up to 30 meters wide in places and showed evidence of the five to six meter flood that surged down it in March this year. From its name, I presumed that I could find agate in it. Over the next few days I did find about 20 kilos of agates and jaspers by walking about ten kilometers up the creek. I saw lots of kangaroos; and saw an eagle dive from the sky to attack a large bird resting in a tree about 100 meters ahead of me. I witnessed the fight between them. It was awesome. You can guess who won. A heap of feathers and bones was all that was left. There are some large billabongs with deep water along this

creek during the wet season. They had all dried up because of the drought. Fortunately for me, there are no crocodiles in this creek but I carried a hand held UHF "walkie talkie" with me, just in case.

None of the agates I found in this creek were similar to the first location, the colors were much darker and there were some beautiful pieces of jasper and jaspagate I just could not leave there as a 'Leverites (Leave it right there) because the colors were so beautiful. When I return home in October, I will have plenty to cut and polish. On the Sunday, in sunny conditions again, the countryside changed color into a profusion of yellow flowers as the wattle trees burst into bloom. We checked out some of the new locations we were told about, but they were barren of agates. There were plenty of rocks, some jaspers, but no agate. We returned to our first location to gather more agate.

We continued our journey to Western Australia on the Monday morning, because the tracks on other cattle stations I wanted to visit were too wet from the recent rain to drive on.

Orcutt Mineral Society Board Meeting Elwin Mussell Sr. Center, Santa Maria, Ca. May 5, 2008

President Debbie Hood called the meeting to order at 7:04 p.m.

Members present were Wes Lingerfelt, Debbie Hood, Sharon Duncan, Sylvia Simmons, Jan Ferguson, Elaine Von Achen, Wayne Mills and Sandy Berthelot. Guest included Bill Hood and Paul Berthelot.

Minutes: Minutes from the April general meeting were read by Wayne Mills, for Elaine Von Achen. There was one correction, noted by Debbie Hood, being that Erica Erskine was not having a medical procedure as previously reported. Correction was noted and minutes were approved.



Treasurer's report: Wes Lingerfelt gave the treasurer's report. It was accepted as given.

Correspondence: Elaine Von Achen reported newsletters from Santa Cruz Mineral & Gem Society, San Geronio Mineral & Gem Society and South Orange County Gem & Mineral Society. She also noted a packet with passes to the bead show in Santa Barbara the last weekend in May. Wes also noted that we had received notes from Cuesta College and

Hancock College thanking us for our scholarship donation.

Committee Reports:

Annual Gem Show: Wes Lingerfelt went over some of the people who had signed up already and where they were going to be located.

Breakfast: No information.

Bulletin: The bulletin is out on the web and the mailed bulletins went out today.

Debbie Hood announced the winners for the CFMS Newsletter Editor's Contest. OMS took 2nd place in the small bulletin category. For Adult Articles, Sylvia Nasholm took 1st place and Debbie Hood took 2nd place. Ralph Bishop took 2nd place in the Advanced Adult Articles and Wes Lingerfelt took 7th place in the website category.

CFMS: Wes Lingerfelt reported that the Orange Belt Gem & Mineral Society can no longer host the CFMS/AFMS 2010 show. No. Orange County Gem and Mineral Society have put in a bid to host the show in La Habra in June 2010.

Education: None

Field Trip: None

Highway Clean up: Joe Martines donated eight vests and Wayne Mills has them washed and ready to go. The next clean-up will be held May 9, 2009. Members will meet at highway 101 and 166 at 8:00 a.m.

Scholarships: Wayne Mills read thank you letters from both Hancock College and Cuesta College thanking us for our scholarship donations.

Sunshine: None

Old Business:

Elaine Von Achen had a fabric sample for the OMS vests. Everyone agreed it was what we wanted for the vests so Elaine is going to order the fabric.

Debbie noted that we are still in need of an assistant trail master to assist Bob Bullock with some of the field trips.

New Business:

Wes Lingerfelt announced that the fliers and Posters for the August gem show are ready.

The May general meeting program will be given by John McCabe and will be a talk on the "Morros". Display for May will be unidentified rocks or "Stump the Experts." Refreshment will be pie.

The meeting was adjourned by President, Debbie Hood at 8:00 p.m.

Respectfully submitted:

Elaine Von Achen, Secretary, OMS

**Orcutt Mineral Society General Meeting
Elwin Mussell Sr. Center, Santa Maria, Ca.
May 12, 2009**

President Debbie Hood called the meeting to order at 7:05 p.m.

Roger Lehman gave the invocation.

Debbie Hood led the flag salute.

Sheriff, Bill Hood, said everyone had badges.

Minutes: Elaine Von Achen read the minutes of the May 5, 2009 board meeting. Minutes were approved as read. She also read the minutes of the April 14, 2009 general meeting. Minutes were approved as read.

Treasurer's report: Wes Lingerfelt gave the treasurer's report. It was accepted as given.

Correspondence: Elaine Von Achen reported newsletters from Santa Cruz Mineral & Gem Society and the Sun Valley Indian School. She also read a letter from the Orcutt Lions Club inviting anyone interested to participate in their 2nd annual Celebrate Philanthropy Luncheon.

Committee Reports:

Abused Children: Jan Ferguson thanked Bob Bullock for the tray of specimens he donated last month. The evening's prizes for the drawing for May are a piece of copper as well as a Brazilian agate geode.

Annual Gem Show: Wayne Mills said he has been collecting donations for the treasure chest and is open for more.

Breakfast: The April breakfast was held in Nipomo at the Creek Side Cafe. A Blue Stone wire wrapped pendant was donated by Jeannie Lingerfelt and won by Sylvia Nasholm. There was an anonymous donation of wire wrapped earrings won by Geary Sheffer. A good time was had by all. The May breakfast will be held at CJ's Restaurant in Arroyo Grande on the 23rd.

Budget & Audit: None.

Bulletin: Lee Reyburn did not receive his bulletin.

CFMS: Wes Lingerfelt reported that the Orange Belt Gem & Mineral Society can no longer host the CFMS/AFMS 2010 show. No. Orange County Gem and Mineral Society have put in a bid to host the show in La Habra in June 2010.

Door Prize: Bob Bullock reported Queensland Agate, a Fossil Egg, Zingers and a Brazilian Amethyst Crystal as some of the evening's prizes.

Education: Wes Lingerfelt gave three programs at Harlow Elementary. He had 104 kids. Wes reported

that the kids were all enthusiastic and enjoyed the program.

Hospitality: Sharon Duncan reported 37 members and 2 guests. Guests were Pat McKay and Ophelia Bondio. Guests were greeted and thanked.

Field Trip: Laura Kasteal has agreed to be the Assistant Trail Master and will lead a trip to Jalama Beach on May 16th. Members will meet at Mussell Sr. Center at 8:00 a.m. They hope to find Travertine.

Highway Clean up: Eight members showed up on May 9, 2009 ready and willing to work. Jeannie Lingerfelt won the drawing, which was a bolo tie.

Library: None.

Locker Clean up: None.

Membership: None.

Political Action Committee: None.

Property: None.

Refreshments: Paulette Miereles thanked members Elaine Von Achen, Jeannie Lingerfelt, Lucky Virgin, Sandy Berthelot and Jan Ferguson for their donations of pies.

Scholarships: Wayne Mills received letters from both Hancock and Cuesta Colleges thanking us for our recent donations. There will be an awards dinner on May 28th at Hancock College. The recipient of the OMS scholarship, from Hancock College, is Katie O'Neill.

Sunshine: None.

Old Business:

Wes Lingerfelt has fliers and posters available for the August show.

New Business:

Wes Lingerfelt announced that the "Red Books" are available if you have not received one.

There will be no general meeting in June. We will have our annual picnic/barbecue at Pioneer Park on the 6th of June. Members were reminded to bring rock donations for the silent auction.

The meeting was adjourned by President, Debbie Hood at 9:00 p.m.

Respectfully submitted:

Elaine Von Achen, Secretary, OMS

Rocktionary

Wayne Mills, OMS Word worker

Now that I know we have a few word workers in the club, I am offering a second word challenge. My current favorite on-line game Chicktionary, available through MSN Live, inspires this. It is free, and it is addicting. You are given 7 letters, and you are

challenged to come up with 33 words of 3, 4, 5, 6 letters. There is one 7-letter word as well. Points for all MSN Live games are cumulative, and with 1000 tickets, (50 perfect games of Chicktionary), you can earn 250 frequent flyer miles (supposedly)

So, the challenge for July's meeting is to see how many words you can come up with from the letters in the word **Sedimentary**. You and your list of words must be present to win. Extra points will be awarded for rock-related words (like *niter*). There will be a prize. Decision of the judge (that would be me) is final (that means I won't be an entrant). **Hint:** the game is not limited to any length of word ("I" and "me" both appear in sedimentary). Proper nouns (people's and place names) are not accepted.

July 25, 2009 8:15 to 9:15 a.m.	information call Gloria Dana at 929-6429.
------------------------------------	---

CFMS Show Schedule 2009

- June 5-7 2009, Woodland Hills, CA**
 Rockatomics Gem & Mineral Society
 Pierce College
 Pierce College - Victory & Mason
 Hours: 10-5 Daily
 Contact: Gary Levitt, Show Chair (818) 993-3802
 Email: Show@Rockatomics.org
 Website: www.Rockatomics.org
 Show Flyer: [click here.](#)
- June 6-7 2009, La Habra, CA**
 North Orange County Gem & Mineral Society
 La Habra Community Center
 101 W. La Habra Blvd.
 Hours: 9 - 5 both days
 Don Warthen (626) 330-8974
 Email: warthen@earthlink.net
 Website: nocgms.com
- June 13-14 2009, Cayucos, CA**
San Luis Obispo Gem & Mineral Club
Cayucos Vets Hall
10 Cayucos Drive
Hours: 10 - 5 both days
Kim Patrick Noyes (805) 610-0603
Email: kimnoves@gmail.com , Website: slogem.org
- July 11-12 2009, Culver City, CA**
 Culver City Rock and Mineral Club
 Veterans Memorial Auditorium and Rotunda
 4117 Culver Blvd
 Hours: Sat. 10-6, Sun. 10-5
 Robert Thirlaw (310) 213-7677
 Email: thirlawr@gmail.com
 Website: CulverCityRocks.org/fiesta.htm
 Show Flyer: [click here.](#)

June 2009 Calendar	
Tuesday June 2, 2009 7:00 to 8:30 p.m.	OMS Board Meeting-At Elaine Von Achen's house, see your Redbook for address, call Elaine at 929-1488 for directions. All members are welcome at this business meeting.
Saturday June 6, 2009 11:00 am to 3:00 pm.	Semi-Annual Meeting & BBQ at Pioneer Park bring a dish to share and rocks for the silent auction.
Saturday June 20, 2009 8:00 am to ?	Field Trip to be announced. For information cal Bob Bullock at 929-6372.
Saturday June 27, 2009 9:00 to 10:00 a.m.	OMS Monthly Breakfast- <i>Sunset Grill</i> 1424 Fairway Drive Santa Maria. For information call Gloria Dana at 929-6429.
July 2009 Calendar	
Tuesday July 7, 2009 7:00 to 8:30 p.m.	OMS Board Meeting-Elwin Mussell Senior Center. All members are welcome at this business meeting.
Saturday July 11, 2009 8:00 to 10:00 a.m.	Roadside Clean up After the cleanup, coffee and pastry at "Francisco's Country Kitchen" in Santa Maria.
Tuesday July 14, 2009 7:00 to 9:00 p.m.	OMS General Meeting-Elwin Mussell Senior Center. <ul style="list-style-type: none"> • Program-. TBD" • Display- display, • Refreshments-Pies
Saturday July 18, 2009 8:00 am to ?	Field Trip to be announced. For information cal Bob Bullock at 929-6372.
Saturday	OMS Monthly Breakfast- for

42nd Annual Gem Show
Earth's Treasures - Rocks - Minerals
Exhibits - Demo's - Equipment
3 Big Days! 10AM - 5PM
August 7th, 8th & 9th, 2009
St. Joseph's Church
298 S. Thompson Ave. Nipomo, CA.
ONE-OF-A-KIND Stones, Jewelry & Merchandise from all over the World. Rock Bottom Prices! Gem Raffle, Prizes!
Food On Sale!
Santa Maria Style BBQ on Saturday Night (2nd)
 \$10.00 Adults - \$5.00 Kids (Under 12)
FREE PARKING - FREE ADMISSION

Sponsored by Orcutt Mineral Society, Inc.
 PO Box 106 Santa Maria, Ca. 93456
 ??? 805-929-3788 ???
<http://www.omsinc.org>
 A Public Benefit, Non-profit Corporation



OMS Webmaster - Wes Lingerfelt –(805) 929-3788.

Check out our OMS web site at <http://omsinc.org> or send e-mail to info@omsinc.org.

OMS Membership (dues) is \$24 per year. Junior memberships (under 18) are \$10 per year. Membership dues are due January 1, and are prorated for new members for each month thereafter. Membership Chairperson is Elaine Von Achen (805) 929-1488

Ore-Cutts Photo Credits: Photographs used in this bulletin were taken by Wes Lingerfelt, & Wayne Mills except where noted

2009 OMS Officers

President	Debbie Hood	(805) 481-6860
Pres. Elect	Sylvia Nasholm	(805) 481-0923
Secretary	Elaine Von Achen	(805) 929-1488
Treasurer	Wes Lingerfelt	(805) 929-3788
Immed. Past Pres.	Wayne Mills	(805) 481-3495
Federation. Rep.	Wes Lingerfelt	(805) 929-3788



ORE-CUTTS (named after William Orcutt) was published in 1966. Member Helen Azevedo was the first editor. Orcutt Mineral Society was founded in 1958 and was named after William Orcutt, a geologist and civil engineer who worked in the Santa Maria Valley as a District manager for Union Oil Company in 1888. In 1889 William Orcutt discovered the mineral and fossil wealth of the La Brea Tar Pits on the property of Captain Alan Hancock. The La Brea Tar Pits are one of the most significant fossil finds in paleontological history. The OMS is a non-profit club dedicated to stimulating an interest in the earth sciences. The club offers educational programs, field trips, scholarships and other opportunities for families and individuals to pursue an interest in the collecting and treatment of lapidary materials, fossils, gems, minerals, and other facets of the Earth Sciences. In addition, another goal of this Society is to promote good fellowship and proper ethics in the pursuit of the Society's endeavors. Operating Rules have been set forth to guide the Officers and members of the Society in accomplishing these aims. Affiliates of the OMS include the American Federation of Mineralogical Societies and the California Federation of Mineralogical Societies

OMS Editor

Debbie Hood 805-481-6860 debihood1@sbcglobal.net



ADDRESS CORRECTION REQUESTED

Orcutt Mineral Society, Inc.
PO Box 106
Santa Maria, CA. 93456-0106

